

Converting Colors

YIQ(232.1150, -28.4250,
-7.9850)

Have a look what the booklet for
YIQ(232.1150, -28.4250, -7.9850)
contains.

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Color

**YIQ(232.1150, -28.4250,
-7.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F5FA
RGB	200, 245, 250
RGB Percent	78%, 96%, 98%
CMY	0.2158, 0.0391, 0.0197
CMYK	0.20, 0.02, 0.00, 0.02
HSL	186°, 83%, 88%
HSV	186°, 20%, 98%
XYZ	73.7211, 84.4922, 102.8411
YIQ	232.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

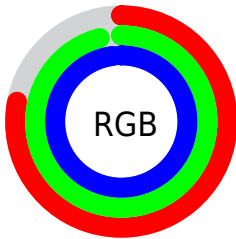
Format	Color
R _Y B	200, 224, 250
Decimal	13170170
CIE Lab	93.66, -13.29, -7.15
CIE LCh	94, 15.096, 208.291
Yxy	84.4922, 0.2824, 0.3237
Android (android.graphics.Color)	4291360250 (0xFFC8F5FA)
YUV	232.1150, 8.8173, -28.1649
Hunter-Lab	91.9197, -17.6994, -1.9908

Details

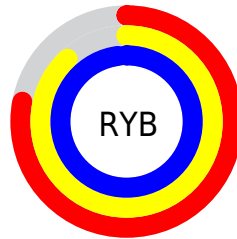
The YIQ color $232.1150, -28.4250, -7.9850$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.8850, 28.4250, 7.9850$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.4140, -27.8290, -7.7730$ is the 20% darker color. If you saturate the color by 10%, you get $223.4660, -42.7750, -12.2390$, and if you desaturate by 10%, it is $240.7640, -14.0750, -3.7310$.

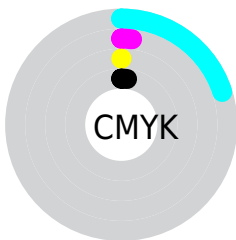
Distribution



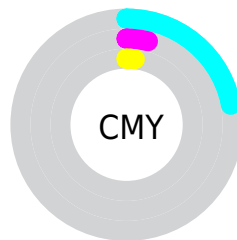
- Red (78%)
- Green (96%)
- Blue (98%)



- Red (78%)
- Yellow (88%)
- Blue (98%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.1150, -28.4250, -7.9850 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 232.1150, -28.4250, -7.9850 by changing the saturation by 10% instead.

■ 232.1150,
-28.4250, -7.9850

■ 232.1150,
-28.4250, -7.9850

255.0000, -0.0000,
-0.0000

■ 204.0010,
-28.1040, -8.2960

■ 176.4140,
-27.8290, -7.7730

■ 149.5990,
-26.9120, -7.8720

■ 123.0120,
-26.6370, -7.3490

■ 98.0120, -26.6370,
-7.3490

■ 73.5990, -26.9120,
-7.8720

■ 49.4140, -27.8290,

-7.7730

■ 28.6100, -25.4450,
-6.9250

■ 15.0630, -13.4790,
-3.5190

■ 232.1150,
-28.4250, -7.9850

■ 232.1150,
-28.4250, -7.9850

■ 223.4660,
-42.7750, -12.2390

■ 240.7640,
-14.0750, -3.7310

■ 214.2300,
-56.8500, -15.9700

■ 250.0000, 0.0000,
0.0000

■ 205.5810,
-71.2000, -20.2240

■ 252.6690, 2.4300,
0.0140

■ 196.3450,
-85.2750, -23.9550

■ 254.4300, 1.6050,
-1.5550

■ 187.6960,
-99.6250, -28.2090

■ 178.4600,
-113.7000, -31.9400

■ 169.8110,
-128.0500, -36.1940

■ 160.5750,
-142.1250, -39.9250

Harmonies

Analogous

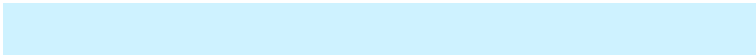
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.6010, -21.2260, -11.8020



232.1150, -28.4250, -7.9850



232.7180, -25.6290, -3.5890

Triad

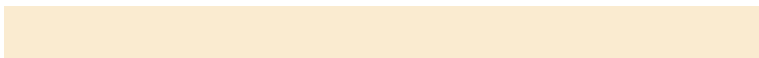
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.1150, -28.4250, -7.9850



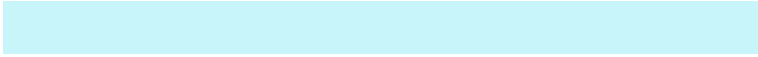
239.3960, 8.1130, 12.6650



236.4070, 17.6070, -5.2170

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



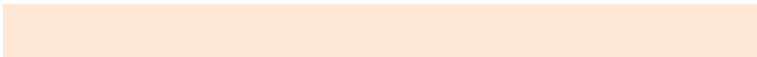
232.1150, -28.4250, -7.9850



217.8850, 28.4250, 7.9850

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.1240, 20.0820, -0.5100



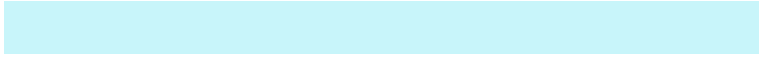
232.1150, -28.4250, -7.9850



236.6260, 13.1570, 9.3570

Square

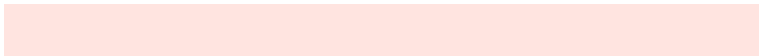
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.1150, -28.4250, -7.9850



237.3020, -3.4860, 8.1140



235.6170, 17.3760, 4.4800



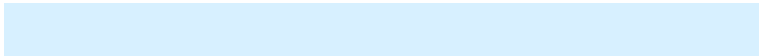
234.6010, 5.1370, -10.5030

Rectangle

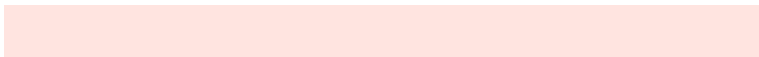
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



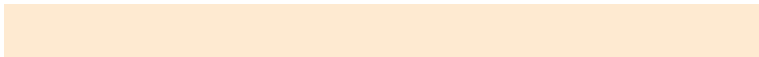
232.1150, -28.4250, -7.9850



234.2350, -19.7150, -0.6350



235.6170, 17.3760, 4.4800



237.1300, 19.9450, -3.5350

Sweetspot

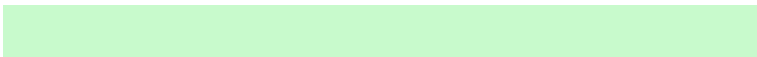
The Sweet Spot groups the original color and five complimentary colors.



232.1150, -28.4250, -7.9850



249.3410, -8.3900, -2.1340



229.8060, -15.0340, -24.9060



124.7220, -5.0890, -1.3850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.1150, -28.4250, -7.9850



233.2390, -34.7060, -9.7940



218.0270, -21.8250, 4.5670



120.5260, -7.4730, -2.2330



121.3360, -107.4190, -30.1310



39.2390, -34.7060, -9.7940

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



220.0800, 15.3550, 24.5950



218.5090, 18.7010, 30.0370



231.9730, 21.8250, -4.5670



117.2550, 3.8960, 6.4880



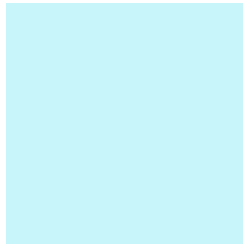
75.8910, 58.0740, 92.9380



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 232.1150, -28.4250, -7.9850 looks on a white background.

Color Contrast Check

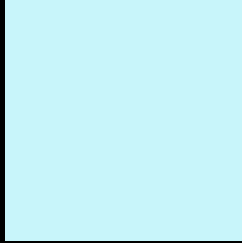
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 232.1150, -28.4250, -7.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

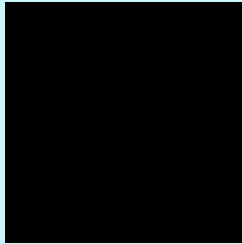
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.1150, -28.4250, -7.9850

Background



This preview shows how black text looks on a background with the YIQ color 232.1150, -28.4250, -7.9850.



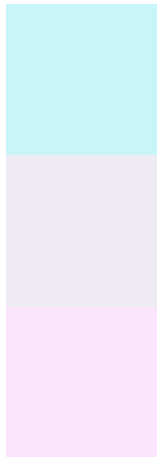
This preview shows how white text looks on a background with the YIQ color 232.1150, -28.4250, -7.9850.

-7.9850.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

232.1150, -28.4250, -7.9850

Protanopia

236.9230, -1.1010, 3.4350

Deuteranopia

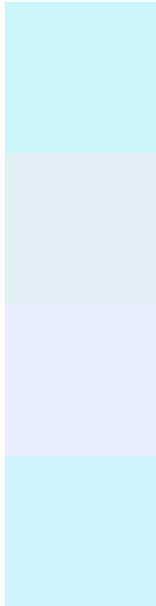
238.3140, 5.4080, 12.1280



Tritanopia

234.2240, -21.1820, -1.5820

Trichromacy



Original Color

232.1150, -28.4250, -7.9850

Protanomaly

235.3130, -11.1870, -1.0030

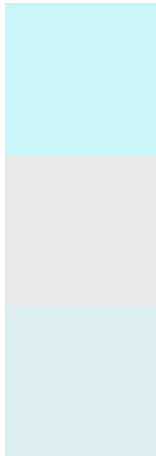
Deuteranomaly

236.0410, -7.2450, 4.6510

Tritanomaly

233.0880, -23.7950, -3.7870

Monochromacy



Original Color

232.1150, -28.4250, -7.9850

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.1450, -10.7740, -2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.1150, -28.4250, -7.9850 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(200, 245, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 245, 250) }
```

Border

The CSS property to change the border of an element to YIQ 232.1150, -28.4250, -7.9850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 245, 250) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 245, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(200, 245,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 232.1150, -28.4250, -7.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 245, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
245, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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